



INDOOR Line

GRANDE BRIO 35

The human side of cleaning





GRANDE BRIO 35

Professional in every way.

Even small spaces present challenges when it comes to their cleaning; in fact, obstacles and impediments make it difficult to reach all surfaces with the same level of effectiveness. In environments such as professional offices, where dirt is stubborn and the space reduced, the manual tools that we have always had aren't helpful to achieve the desired outcome.

35 is the perfect scrubber dryer for cleaning surfaces up to 1.050 m², which allows you to get professional results quickly. The 35 comes as an electrical cable or, to have more freedom of movement, it's available as a battery version, which guarantees an autonomy of use of more than 1 hour.



Applications

PROFESSIONAL CLEANING	●	●	●	●	●
RETAIL & GDO	●	●	●	●	●
INDUSTRIAL SECTOR	●	●	●	●	●
HEALTH	●	●	●	●	●
PUBLIC	●	●	●	●	○

WELLNESS AND SPORTS	●	●	●	●	●
TOURISM	●	●	●	●	●
HO.RE.CA	●	●	●	●	●
AUTOMOTIVE	●	●	●	●	○
TRANSPORT	●	●	○	○	○

HOW IT WORKS



**SCRUBBING
PATH**
35 cm



**TANKS
CAPACITY**
16/18 l



**COVERAGE
PERFORMANCE**
1050 m²/h



**WORKING
TIME**
> 1,20 h

Simple controls

Always ready for use, only two buttons (On/Off) positioned on the handlebar.

Ergonomic grip

Made in anti-slip rubber with built-in buttons.

Adjustable handle

Even in operation, it allows you greater maneuverability along walls and corners.

On board charger

Integrated into the machine, it indicates the battery charge status at all times.

Water tank

Equipped with handle to facilitate gripping and emptying.

Non marking wheels

Don't leave marks on the floor, even if wet.

Scrub and dry

Set behind the brush, the squeegee follows bends without leaving splashes.

Scrubbing pressure

The unit cleans with 28 kg of constant pressure on the floor,

Brush fixing

It's installed and removed without using your hands.



Easy to use right from the start.

Located on the handlebar, the 35's controls are intuitive, with only two buttons you can activate the vacuum motor and brush. The double-grip handlebar allows you to move the machine in a practical way from one room to another, while, thanks to the large wheels with which it is equipped, you can easily climb steps and take it to different floors of a building.



Hidden corners no longer exist.

The 35 scrubbing deck is side-mounted in order to allow you to clean perfectly even along the walls and under the furniture. The whole surface of the room, including corners, is thus cleaned and sanitized.



Cleaning thoroughly doesn't mean making noise.

In many environments, such as hospitals, nursing homes and schools, it's fundamental to maintain peace and quiet. Professionals who work there are asked to limit as much as possible the noise that can affect the rest and concentration of others. The brush and vacuum motor of the 35 are well soundproofed to minimise the noises generated by the cleaning operation.



The inclination is up to you.

With such a diversified adjustment of the handlebar, the parking of the machine is less cumbersome; you can in fact close the handlebar above the tank and transport the 35 comfortably in the trunk of a small car.



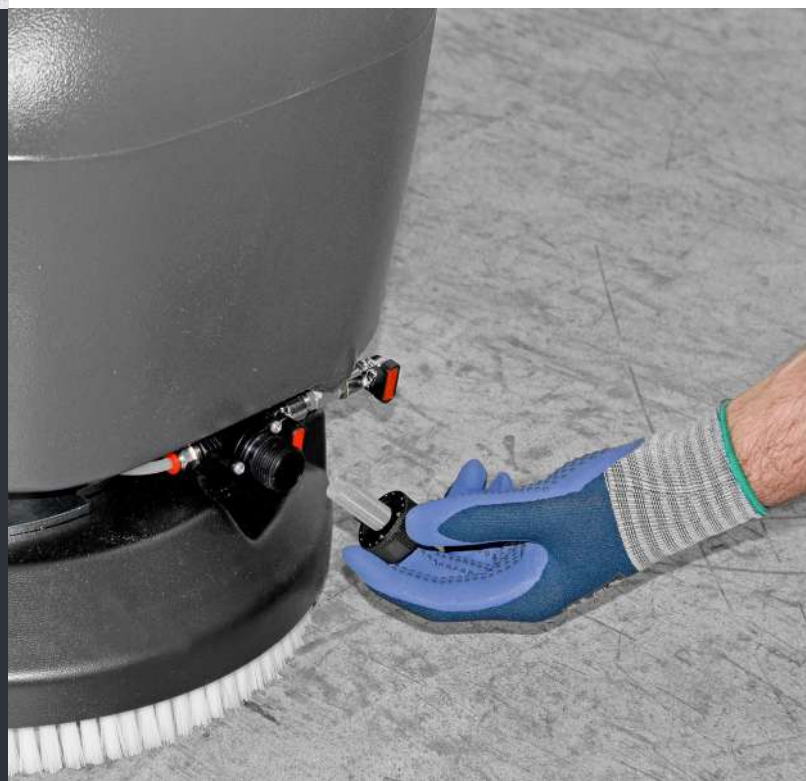
Let yourself be carried by your needs.

You can choose which type of brush to use: those made of PPL with bristles of varying thickness or, for more resistant surfaces you can opt for a Tynex brush with steel bristles. There is a wide selection, even if you prefer to use the pad: a soft version with a polishing effect, through to the more robust pad for routine maintenance and, the more aggressive version to guarantee deeper cleaning.



Record pit stop.

All parts that require daily maintenance have been designed to be easily accessible and quick to clean. The brush can be removed by pressing the appropriate button, while no tools are needed to check and remove the squeegee and water filter.



35 Ecoray

We have a common goal:
your health is important
to us.

In hospitals, operating theatres and nursing homes, where people's lives depend on a sterile environment, it has become increasingly indispensable to resort to sanitization systems which guarantee higher cleaning standards.

We have mounted a system of UV-C rays on the 35, turning it into the Ecoray version, the only scrubber dryer that cleans and disinfects floors without the use of harmful chemicals.

Benefits



Eliminates bacteria, moulds for reducing the transmission of infectious diseases, and it reduces the symptoms of allergies.



No exposure to chemical products or disinfectants.



Dramatic reduction of facility downtime and cuts the costs for detergents.



It doesn't pollute the environment and improves air quality.



How it works?

The wavelength C (with a frequency of 260 nm) of the UV spectrum affects the DNA of micro-organisms, destroying their cells and making reproduction impossible. In this way, micro-organisms become inactive and harmless; over time small doses of UV-C have been shown to accelerate cell death.



DISCOVER THE OTHER MODELS OF THE GRANDE BRIO RANGE



45 / 50 / 55

are the medium-sized scrubber dryers with different cleaning widths, in cable or battery versions, with or without traction.



RIDE ON 75

is the ride-on scrubber dryer for medium and large surfaces. Available with disc or roller brushes.



RIDE ON 145

is the ride on scrubber dryer for large surfaces, available in different cleaning versions and widths.

TECHNICAL DATA*

GRANDE BRIO 35		B	B ECORAY	E	E ECORAY
Scrubbing path	mm	350	350	350	350
Tanks capacity	l	16/18	16/18	16/18	16/18
Coverage performance	m ² /h	1050	1050	1050	1050
Working time	h	> 1,20	> 1,20	-	-
Life time UV source	h	//	9000	//	9000
Ecoray system power	microW/mm ²	//	100	//	100
Brush size	mm	1 x 350	1 x 350	1 x 350	1 x 350
Rpm brush	rpm	170	170	170	170
Brush pressure	kg	28	28	28	28
Brushes motor power	W	1 x 250	1 x 250	1 x 250	1 x 250
Squeegee width	mm	420	420	420	420
Water lift	mm H ₂ O	540	540	540	540
Vacuum motor (stages)	W	250 (2)	250 (2)	200 (2)	200 (2)
Traction motor power	W	//	//	//	//
Voltage	V	12	12	220 (115 opt)	220 (115 opt)
Total power	W	450	450	550	550
Integrated battery charger	A/h	8	8	//	//
Max battery capacity (Agm)	Ah/5	(65)	(65)	//	//
Maximum gradient	%	2	2	2	2
Maximum speed	Km/h	-	-	-	-
Noise level	dB(A)	< 66	< 66	< 66	< 66
Machine dimensions (L x l x h)	mm	720x490x645	720x490x645	720x490x645	720x490x645
Weight without battery	kg	40	40	42	42

* TSM reserves the right to modify the products and the related technical data at any time and without notice.

TSM
The human side of cleaning





INDOOR Line

GRANDE BRIO 45

The human side of cleaning

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GRANDE BRIO 45

Challenge accepted.

There is only one way to get the better of cleaning large surfaces: to become extremely efficient.

That is why it is important to rely on the right equipment, able to guarantee greater working efficiency on medium and large surfaces together with versatility of use.

45 is the walk-behind scrubber-dryer; light and easy to handle, we have designed it to combine the performance of a professional machine with ease of use. It is available with a 45 cm brush, both cable and battery powered, with or without traction, or in the 50 version, with a single 50 cm brush. By choosing the version that best suits your needs, you can use 45 for cleaning a wide range of environments: gyms, leisure centres, supermarkets, shopping centres, airports, workshops, schools.



Applications

PROFESSIONAL CLEANING	●	●	●	●	●
RETAIL & GDO	●	●	●	●	●
INDUSTRIAL SECTOR	●	●	●	●	●
HEALTH	●	●	●	●	●
PUBLIC	●	●	●	○	○

WELLNESS AND SPORTS	●	●	●	●	●
TOURISM	●	●	●	●	●
HO.RE.CA	●	●	●	●	●
AUTOMOTIVE	●	●	●	●	○
TRANSPORT	●	●	○	○	○

HOW IT WORKS



**SCRUBBING
PATH**
45 cm



**TANKS
CAPACITY**
40/45 l



**COVERAGE
PERFORMANCE**
1800 m²/h



**WORKING
TIME**
> 2,45 h

Grip

Ergonomic non-slip rubber and with built-in brush button.

Intuitive console

Only 2 buttons (On / Off) for the brush and suction.

Design

Complete visibility on the front-mounted scrubbing deck.

Handle

Double handle left and right, individually adjustable even during use.

Water tank

Equipped with hoses for emptying.

Squeegee

It adapts completely to the movements of the machine and is automatically released in the event of an impact.

Transfer wheel

It tilts on the back to carry 45 like a common trolley.

Scrubbing pressure

The unit cleans with 30 kg of constant pressure on the floor.

Brush fixing

Brushes installed and removed without using your hands.





Easy to use right from the start.

Located on the console, the 45's controls are intuitive, with only two buttons you can activate the vacuum motor and brush. The double-grip handlebar allows you to move the machine in a practical way from one room to another.



Turn your performances around.

The 45 squeegee dries the surface perfectly, thanks to its parabolic structure and the ability to apply uniform pressure on the ground, even in tight corners.



Forget about its weight.

We developed a perfect balance to 45, to make driving light during cleaning even without a traction motor. Through the addition of the support wheels for transport, moving the machine from one environment to another is equally as easy: just wheeling the 45 on the rear-wheels with the help of the grip handles and you will mimic moving a simple trolley.



Guaranteed freedom of movement.

On the handlebar you will find two solid grips fixed to the chassis, which you can adjust and tilt individually, depending on your height and ergonomic requirements. In this way, you will realize how much easier it will be to perform the necessary manoeuvres around obstacles. The handlebar grip is soft to the touch, but at the same time non-slip, to allow you to use the machine even with one hand.



Let yourself be carried by your needs.

You can choose which type of brush to use: those made of PPL with bristles of varying thickness or, for more resistant surfaces you can opt for a Tynex brush with steel bristles. There is a wide selection, even if you prefer to use the pad: a soft version with a polishing effect, through to the more robust pad for routine maintenance and, the more aggressive version to guarantee deeper cleaning.



Record pit stop.

All parts that require daily maintenance have been designed to be easily accessible and quick to clean. The brush can be removed by pressing the appropriate button, while no tools are needed to check and remove the squeegee and water filter.

GRANDE BRIO 55

It gets bigger,
when you need it.

In certain environments, including hospitals, gyms and, restaurants where cleaning needs are more intense, it becomes increasingly indispensable to resort to sanitization systems which guarantee higher cleaning standards.

Unlike the 45 and 50 versions, the 55 has two front brushes that protrude from the machine body, to give you the opportunity to reach areas that other machines would leave out, such as corners and flush with the wall. Available in battery-powered versions with or without traction, the 55 simplifies cleaning even of virtually impossible spaces.

Benefits



The strength of the two brushes easily removes adherent dirt.



Complete visibility on the scrubbing deck.



Flush with the wall.



Reduction of downtime.



How it works?

The operation is the same as that of the versions with a single brush.

Activate the washing function directly from the handle and by activating the buttons on the console you can customize the cleaning activity.

DISCOVER THE OTHER MODELS OF THE GRANDE BRIO RANGE



35

it is the ideal scrubber dryer for smaller areas, available in cable or battery powered version.



RIDE ON 75

is the ride-on scrubber-dryer for medium and large areas. Available with disc or roller brushes.



RIDE ON 145

is the ride-on scrubber for large areas, available in different versions and cleaning paths.

TECHNICAL DATA*

GRANDE BRIO 45		45 E	45 B (BT)	50 B	55 B (BT)
Scrubbing path	mm	450	350	350	350
Tanks capacity	l	40/45	40/45	40/45	40/45
Coverage performance	m ² /h	1800	1800 (2250)	2100	2200 (2750)
Working time	h	-	> 2,45	-	-
Brush size	mm	1 x 450	1 x 450	1 x 500	2 x 280
Rpm brush	rpm	160	160 (140)	140	140
Brush pressure	kg	30	30	30	30
Brushes motor power	W	1 x 600	1 x 600	1 x 600	2 x 200
Squeegee width	mm	650	650	650	650
Water lift	mm H ₂ O	1590	1590	1590	1590
Vacuum motor (stages)	W	550 (3)	490 (3)	490 (3)	490 (3)
Traction motor power	W	//	// (200)	//	// (200)
Voltage	V	220 (115 opt.)	24	24	24
Total power	W	1000	1090 (1290)	890	890 (1090)
Integrated battery charger	A/h	//	15	15	15
Max battery capacity (Agm)	Ah/5	//	120 (105)	120 (105)	120 (105)
Maximum gradient	%	2	2	2	2
Maximum speed	Km/h	//	//	//	//
Noise level	dB(A)	< 66	< 66	< 66	< 66
Machine dimensions (L x l x h)	mm	1030x720x950	1030x720x950	1030x720x950	1030x720x950
Weight without battery	kg	68	65 (73)	65	67 (72)

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The human side of cleaning



HydroClean



INDOOR Line

GRANDE BRIO RIDE ON 75

The human side of cleaning

TSM



RIDE ON 75

Even agility it's a performance.

Shopping centres, hospitals, supermarkets, sports centres and all large meeting spaces in general present us with complex cleaning challenges: surfaces rich in obstacles, reduced spaces for manoeuvre and, higher standards to be maintained. This is where our research and development of an agile and compact solution with innovative characteristics begins.

RIDE ON 75 born from the proven need to replace the bulky walk-behind scrubber-dryers. A lean solution, which offers you several advantages: economy of cost and use, comfortable and ergonomic use to lighten the workload and, the overall operating size restricted within the machine body only; all without compromising on performance and quality.



Applications

PROFESSIONAL CLEANING	● ● ● ● ●	WELLNESS AND SPORTS	● ● ● ● ●
RETAIL & GDO	● ● ● ● ●	TOURISM	● ● ● ● ○
INDUSTRIAL	● ● ● ● ○	HO.RE.CA	● ● ● ● ○
HEALTH	● ● ● ● ●	AUTOMOTIVE	● ● ● ● ○
PUBLIC	● ● ● ● ●	TRANSPORT	● ● ● ● ●

HOW IT WORKS



**TANKS
CAPACITY**
75/80 l



**COVERAGE
PERFORMANCE**
3250 m²/h



**WORKING
TIME**
> 3 h

Tipper tanks

They open and tilt easily, for convenient inspection and cleaning.

Functional design

Attractive lines of the seat, designed to offer maximum comfort during use.

Intuitive console

Easy to use, it doesn't require any training. It also has an integrated hour-usage counter.

Circuits in safety

They are well protected to avoid any water infiltration.

Manual adjustments

With one hand you lift squeegee and scrubbing deck.

Non marking wheels

They don't leave marks on the floor even if wet.

Extreme manoeuvrability

Makes turns in its own space, goes through doorways and, uses the elevator.

Scrub and dry

Set behind the brush, the squeegee follows bends without leaving splashes.

Steel frame

Tanks mounted on a robust, impact-resistant steel frame.

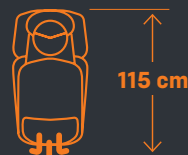
Scrub with a click

They install easily and allow you to clean even along the walls.

Versatile configurations

Available with different cleaning widths, with disc or roller brushes.





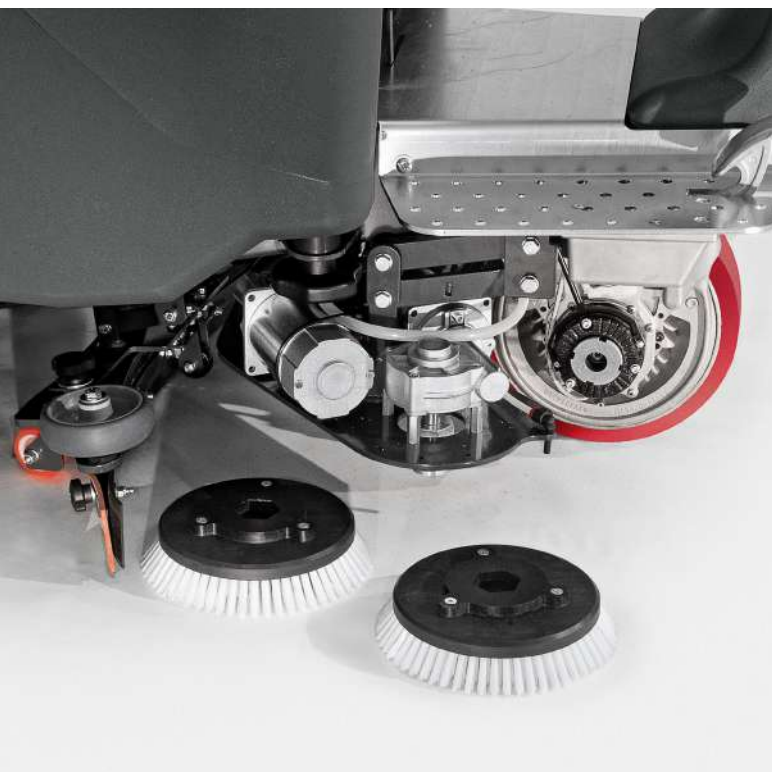
Less manoeuvres, greater efficiency.

We balanced the compact dimensions of RIDE ON 75 taking into account the operational spaces and overall ergonomics. The front wheel drive is able to perform U-turns on itself, together with the streamlined design guaranteeing freedom of movement for both the operator and machine, especially between surface obstacles.



Get where others stop.

The innovative arrangement of the brushes ensures complete visibility on the scrubbing deck, both on the left and right sides; above all, you reach those areas inaccessible for other machines: corners and flush with the wall.



Single frame, different customizations.

RIDE ON 75 is available with different cleaning widths, with disc brushes (interchangeable with pads) or with roller brushes. The latter provides a pre-sweeping action to collect small solid residues into a hopper that can be removed for emptying. By adding front brushes, you can also improve performance flush to the wall.





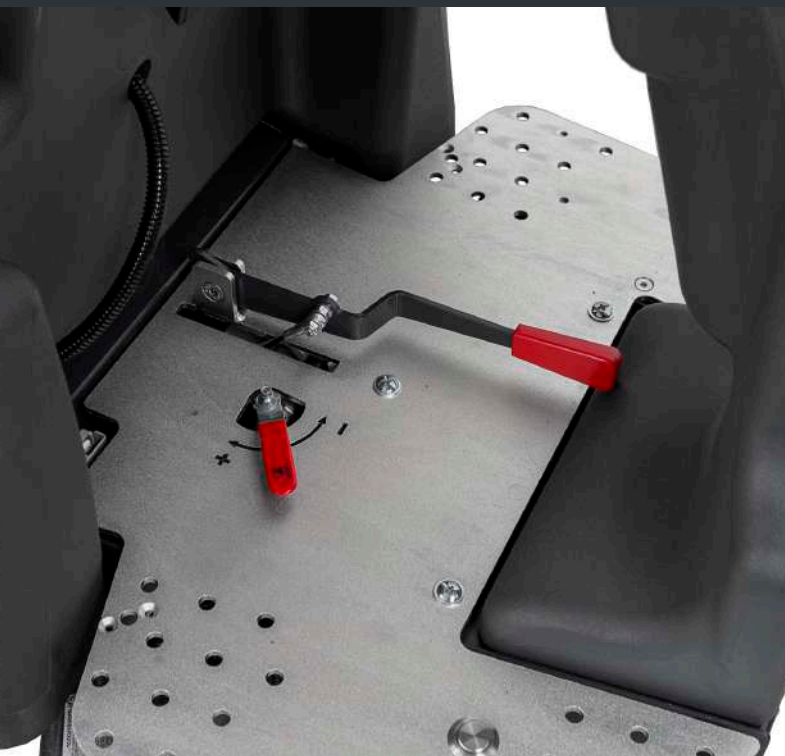
Water saving.

We locate the nozzles in front of the brushes, to obtain a uniform water flow. This choice also ensures that the entire surface of the brushes or pads is wetted, while avoiding splashes of water caused by their rotation. The squeegee, placed after the passage of the brushes, has a parabolic shape that follows the movements of the machine in a fluid and precise way, ensuring impeccable drying.



Become operational in zero time.

To adjust the water flow, simply open or close the lever located on the footplate. The scrubbing deck and the squeegee are raised by independent levers, and you can activate them with the related switches on the console. These are mechanical solutions, designed to make RIDE ON 75 a simple and intuitive machine, which doesn't require too many explanations.



Record pit stop.

All parts that require daily maintenance have been designed to be easy to access and quick to clean. The brush can be removed by pushing downwards, while no tools are needed to check and remove the squeegee and the water filter.



RIDE ON 75 Ecoray

We have a common goal:
your health is important
to us.

In hospitals, operating theatres and nursing homes, where people's lives depend on a sterile environment, it has become increasingly indispensable to resort to sanitization systems which guarantee higher cleaning standards.

We have mounted a system of UV-C rays on the RIDE ON 75, turning it into the Ecoray version, the only scrubber dryer that cleans and disinfects floors without the use of harmful chemicals.

Benefits



Eliminates bacteria, moulds for reducing the transmission of infectious diseases, and it reduces the symptoms of allergies.



No exposure to chemical products or disinfectants.



Dramatic reduction of facility downtime and cuts the costs for detergents.



It doesn't pollute the environment and improves air quality.



How it works?

The wavelength C (with a frequency of 260 nm) of the UV spectrum affects the DNA of micro-organisms, destroying their cells and making reproduction impossible. In this way, micro-organisms become inactive and harmless; over time small doses of UV-C have been shown to accelerate cell death.



DISCOVER THE OTHER MODELS OF THE GRANDE BRIO RANGE



35

is the ideal scrubber dryer for small surfaces, available in cable or battery versions.



45 / 50 / 55

are the medium-sized scrubber dryers with different cleaning widths, in cable or battery versions, with or without traction.



RIDE ON 145

is the ride on scrubber dryer for large surfaces, available in different cleaning versions and widths.

TECHNICAL DATA*

GRANDE BRIO RIDE ON 75		550	650	650 Ecoray	800	C62
Scrubbing path	mm	550	650	650	800	350
Tanks capacity	l	75/80	75/80	75/80	75/80	75/80
Coverage performance	m ² /h	3000	3250	3250	4000	3200
Working time	h	> 3	> 3	> 3	> 3	> 3
Life time UV source	h	-	-	9000	-	9000
Ecoray system power	microW/mm ²	-	-	100	-	100
Brush size	mm	2 X 280	4 X 180	4 X 180	4 X 205	cil. 2x100 x 610
Rpm brush	rpm	190	190	190	210	210
Brush pressure	kg	20	28	28	35	0-30
Brushes motor power	W	2 x 200	4 x 100	4 x 100	4 x 200	2 x 500
Squeegee width	mm	2 x 200	4 x 100	4 x 100	4 x 200	2 x 500
Water lift	mm H ₂ O	1590	1590	1590	1590	1590
Vacuum motor (stages)	W	490 (3)	490 (3)	490 (3)	490 (3)	490 (3)
Traction motor power	W	450	700 (frontal)	700 (frontal)	700 (frontal)	450
Voltage	V	24	24	24	24	24
Total power	W	1340	1340	1340	1990	2040 (2140)
Integrated battery charger	A/h	15	15	15	15	15
Max battery capacity (Agm)	Ah/5	150	150	150	150	150
Maximum gradient	%	5	5	5	5	5
Maximum speed	Km/h	5	5	5	5	5
Steering range	mm	1500	1150	1150	1150	1500
Noise level	dB(A)	< 66	< 66	< 66	73	73
Machine dimensions (L x l x h)	mm	1150x780x1430	1150x780x1430	1150x780x1430	1150x780x1430	1150x780x1430
Weight without battery	kg	153	153	153	163	183

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The human side of cleaning



HydroClean



INDOOR Line

GRANDE BRIO RIDE ON 145

The human side of cleaning

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RIDE ON 145

First impression counts.

Whether it's shopping malls, supermarkets, airports or railway stations, we all want to shop and move in a clean and well-tended environment. In such crowded contexts, where dirt can be persistent, it is necessary to carry out cleaning activities with regularity throughout the day in order to guarantee the well-being and safety of customers, giving them a pleasant experience.

The ride-on scrubber-dryer RIDE ON 145 is the largest in the range by volume of water and cleaning track. With a working time-span of more than 4 hours, it also maintains the compactness and agility of the smaller versions. Soundproofing from noises allows you to work in congested spaces even during the day, without causing any disturbance.



Sectors of use

PROFESSIONAL CLEANING	● ● ● ● ●	WELLNESS AND SPORTS	● ● ● ● ●
RETAIL & GDO	● ● ● ● ●	TOURISM	● ● ● ● ●
INDUSTRIAL SECTOR	● ● ● ● ●	HO.RE.CA	● ● ● ● ●
HEALTH	● ● ● ● ●	AUTOMOTIVE	● ● ● ● ●
PUBLIC	● ● ● ● ●	TRANSPORT	● ● ● ● ●

HOW IT WORKS



**TANKS
CAPACITY**
145/160 l



**COVERAGE
PERFORMANCE**
5100 m²/h



**WORKING
TIME**
> 4,45 h

Tipper tanks

They open and tilt easily, for convenient inspection and cleaning.

Compact size

Its dimensions are smaller than many competitors.

Functional design

Attractive lines of the seat, designed to offer maximum visibility on the brushes.

Intuitive console

Easy to use, it doesn't require any training. It also has an integrated hour-usage counter.

Double recharge

To refill water both from the cap and from the removable hose.

Circuits in safety

They are well protected to avoid any water infiltration.

Non marking wheels

They don't leave marks on the floor even if wet.

Extreme manoeuvrability

Makes turns in its own space, in less than 160 cm.

Squeegee

Set behind the brush, the squeegee follows bends without leaving splashes.

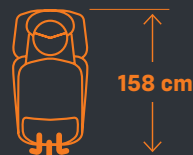
Brush positioning

Slightly external to the machine body, to facilitate cleaning along the walls.

Scrubbing pressure

The unit cleans with 60 kg of constant pressure on the floor.





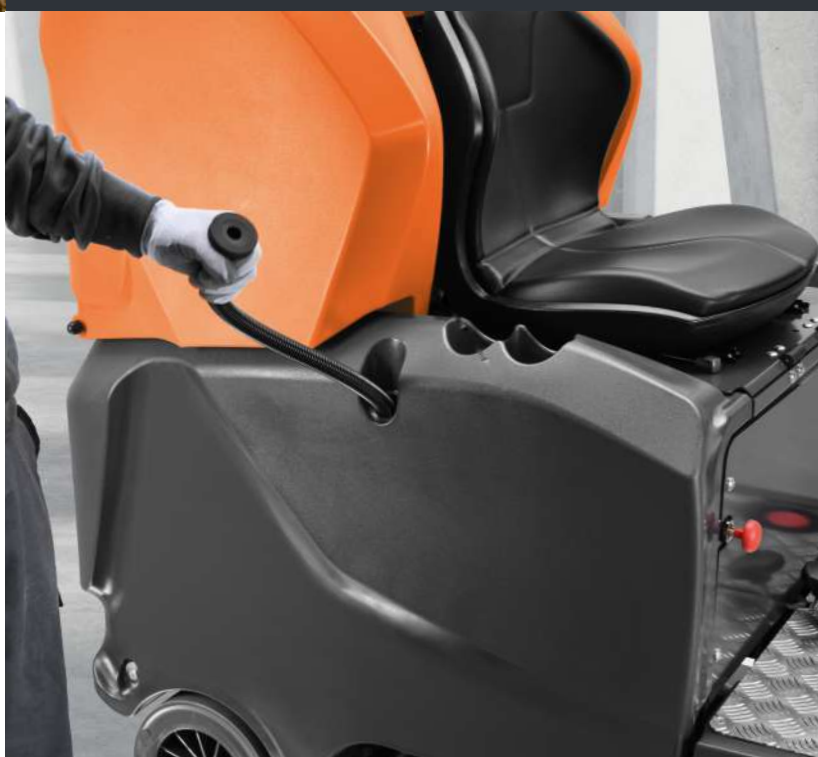
Less manoeuvres, greater efficiency.

We balanced the compact dimensions of RIDE ON 145 taking into account the operational spaces and overall ergonomics. The front wheel drive is able to perform U-turns on itself, together with the streamlined design guaranteeing freedom of movement for both the operator and machine, especially between surface obstacles.



Time is precious.

We have equipped RIDE ON 145 with a double system for loading the water, in order to reduce the time taken for this task: the rear loading cap and the convenient extendable side tube, which can be connected directly to the water tap.



Single frame, different customizations.

RIDE ON 145 is available in two versions, with the classic disc brushes that can cover cleaning bands of 85 and 100 cm for a truly versatile use of the machine. If necessary, you can replace the brushes with the pads, available in various colours depending on the surface to which they are to be applied.





Water saving.

We locate the nozzles in front of the brushes, to obtain a uniform water flow. This choice also ensures that the entire surface of the brushes or pads is wetted, while avoiding splashes of water caused by their rotation. The squeegee, placed after the passage of the brushes, has a parabolic shape that follows the movements of the machine in a fluid and precise way, ensuring impeccable drying.



Your safety matters.

RIDE ON 145 is equipped with all the safety devices to ensure you work in total safety, including the automatic parking brake in case of slopes, the flashing light, the emergency stop, the reverse buzzer and the horn. And to work at night, RIDE ON 145 can also be equipped with LED headlights.



Record pit stop.

All parts that require daily maintenance have been designed to be easy to access and quick to clean. The brush can be removed with a half turn, while no tools are needed to check and remove the squeegee and the water filter.



RIDE ON 145 Plus

Plus

to make a difference.

In places where the dirt is stubborn, such as garages or production areas in factories, it is often necessary to make a more intense use of the detergent: for this purpose we have developed the PLUS versions, equipped with a system for its separate management. In RIDE ON 145 PLUS the chemical is automatically dosed based on the water flow you choose for cleaning the floor, avoiding overdoses or unnecessary waste.

In addition, the PLUS version is equipped with an independent lifting of the squeegee in case of reversing, to simplify manoeuvres and avoid any accidental damage.

Benefits



Separate management of cleaning products.



Pre-set detergent dosage.



Eliminates overdose and waste.



Automatic squeegee lifting system.



How it works?

Through the cursor in the console you can adjust the flow of water on the floor at any time: automatically our PLUS system will calculate the right proportion of detergent product to be dosed.

The smarter the machine, the smarter your work.



DISCOVER THE OTHER MODELS OF THE GRANDE BRIO RANGE



35

is the ideal scrubber dryer for small surfaces, available in cable or battery versions.



45 / 50 / 55

are the medium-sized scrubber dryers with different cleaning widths, in cable or battery versions, with or without traction.



RIDE ON 75

is the ride-on scrubber for large areas, available in different versions and cleaning paths.

TECHNICAL DATA*

GRANDE BRIO RIDE ON 145

		850	1000
Scrubbing path	mm	850	1000
Tanks capacity	l	145/160	145/160
Coverage performance	m ² /h	5100	6000
Working time	h	> 4,45	> 4,45
Brush size	mm	2 X 450	4 X 525
Rpm brush	rpm	190	190
Brush pressure	kg	0-60	0-60
Brushes motor power	W	2 x 500	2 x 650
Squeegee width	mm	950	1100
Water lift	mm H ₂ O	1590	1590
Vacuum motor (stages)	W	490 (3)	490 (3)
Traction motor power	W	900 (frontale)	900 (frontale)
Voltage	V	24	24
Total power	W	2390	2690
Integrated battery charger	A/h	25	25
Max battery capacity (Agm)	Ah/5	320 (274)	320 (274)
Maximum gradient	%	5	5
Maximum speed	Km/h	5	5
Steering range	mm	1583	1583
Noise level	dB(A)	< 70	< 70
Machine dimensions (L x l x h)	mm	1583x840x1520	1583x840x1520
Weight without battery	kg	262	282

* TSM reserves the right to modify the products and the related technical data at any time and without notice.



The human side of cleaning



HydroClean